# SpyWolf

# Project Audit

**Project:**

## L2E

May 7, 2022

# Overview

This audit has been prepared for **L2E** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities

- Assessing the codebase to ensure compliance with current best practices and industry standards.

- Ensuring contract logic meets the specifications and intentions of the client.

- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.

- Thorough line-by-line manual review of the entire codebase by industry experts.

*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*
*- SpyWolf Team*

# Smart Contract Summary

| | |
|---|---|
| Contract Name | Label2Earn |
| Ticker | L2E |
| Contract | 0x3B99600EE142D38313EC7A0eBa27fA687F9c3717 |
| Network | Binance smart chain |
| Language | Solidity |
| Tax | **Transfer: 3%** <br> **Buy: 3%** <br> **Sell: 7%** |
| Total Supply | 256,000,000 |
| Status | Launched |

## Current stats

| | |
|---|---|
| Burn | No tokens burnt |
| LP Address | Liquidity not added yet |
| Liquidity | Liquidity not added yet |
| MaxTxAmount | 12,800,000 |

## Issues Checking Status

| | |
|---|---|
| Design Logic | **Passed ✓** |
| Compiler warnings. | **Passed ✓** |
| Private user data leaks | **Passed ✓** |
| Timestamp dependence | **Passed ✓** |
| Integer Overflow and Underflow | **Passed ✓** |
| Race conditions and Reentrancy. Cross-function race conditions | **Passed ✓** |
| Possible delays in data delivery | **Passed ✓** |
| Oracle calls | **Passed ✓** |
| Front running | **Passed ✓** |
| DoS with Revert | **Passed ✓** |
| DoS with block gas limit | **Passed ✓** |
| Methods execution permissions | **Passed ✓** |
| Economy model | **Passed ✓** |
| The impact of the exchange rate on the logic | **Passed ✓** |
| Malicious Event log | **Passed ✓** |
| Scoping and Declarations | **Passed ✓** |
| Uninitialized storage pointers | **Passed ✓** |
| Arithmetic accuracy | **Passed ✓** |
| Cross-function race conditions | **Passed ✓** |
| Safe Zeppelin module | **Passed ✓** |
| Fallback function security | **Passed ✓** |

# Featured Wallets

| Owner address | 0xDB2F1Df34b50aCC2F39087aA48C1361c956F34A1 |
|---|---|
| *Marketing fee receiver | 0x12FCdD3C178Be4F86f6d909779c4E2BB2f644DA3 |
| LP address | Liquidity not added yet |

*Owner can change this address

# Top 3 Unlocked Wallets

| *Wallet 1   (100%) | Same as owner |
|---|---|

*Tokens are not distributed yet

# Security Threats

**Owner can change buy fees up to 7% and sell fees up to 15% (combined buy+sell = 22%).**

```
function setFees(uint256 _liquidityFeeSell,
    uint256 _marketingFeeSell, uint256 _burnFeeSell , uint256 _buyAndTransferFee) external  onlyOwner {
    require(_liquidityFeeSell.add(_marketingFeeSell).add(_burnFeeSell) <= 15 , "maximum total fee is 15");
    require(_marketingFeeSell <= 7 , "maximum marketing fee is 7");
    require(_buyAndTransferFee <= 7 , "maximum transfer fee is 7");
    liquidityFeeSell = _liquidityFeeSell;
    marketingFeeSell = _marketingFeeSell;
    burnFeeSell = _burnFeeSell;
    buyAndTransferFee = _buyAndTransferFee;
    totalFeeSell = _liquidityFeeSell.add(_marketingFeeSell).add(_burnFeeSell);
    emit feeChanged(_liquidityFeeSell , _marketingFeeSell , _burnFeeSell , _buyAndTransferFee);
}
```

**Owner can change max transaction limit, but can't lower it than 0.1% of total supply.**

```
function setTxLimit(uint256 amount) external onlyOwner {
    if(amount * (10 ** _decimals) < _totalSupply / 1000){
        revert();
    }
    _maxTxAmount = amount * (10 ** _decimals);
    emit maxTxAmountChanged(amount * (10 ** _decimals));
}
```

# Tokenomics

**According to their whitepaper:**

- 50% - Presale
- 35% - Liquidity
- 7% - Rewards

- 3% - Development
- 3% - Marketing
- 2% - Team

## Tokens distribution



Rewards 7,0%
Marketing 3,0%
Development 3,0%
Team 2,0%
Liquidity 35,0%
Presale 50,0%
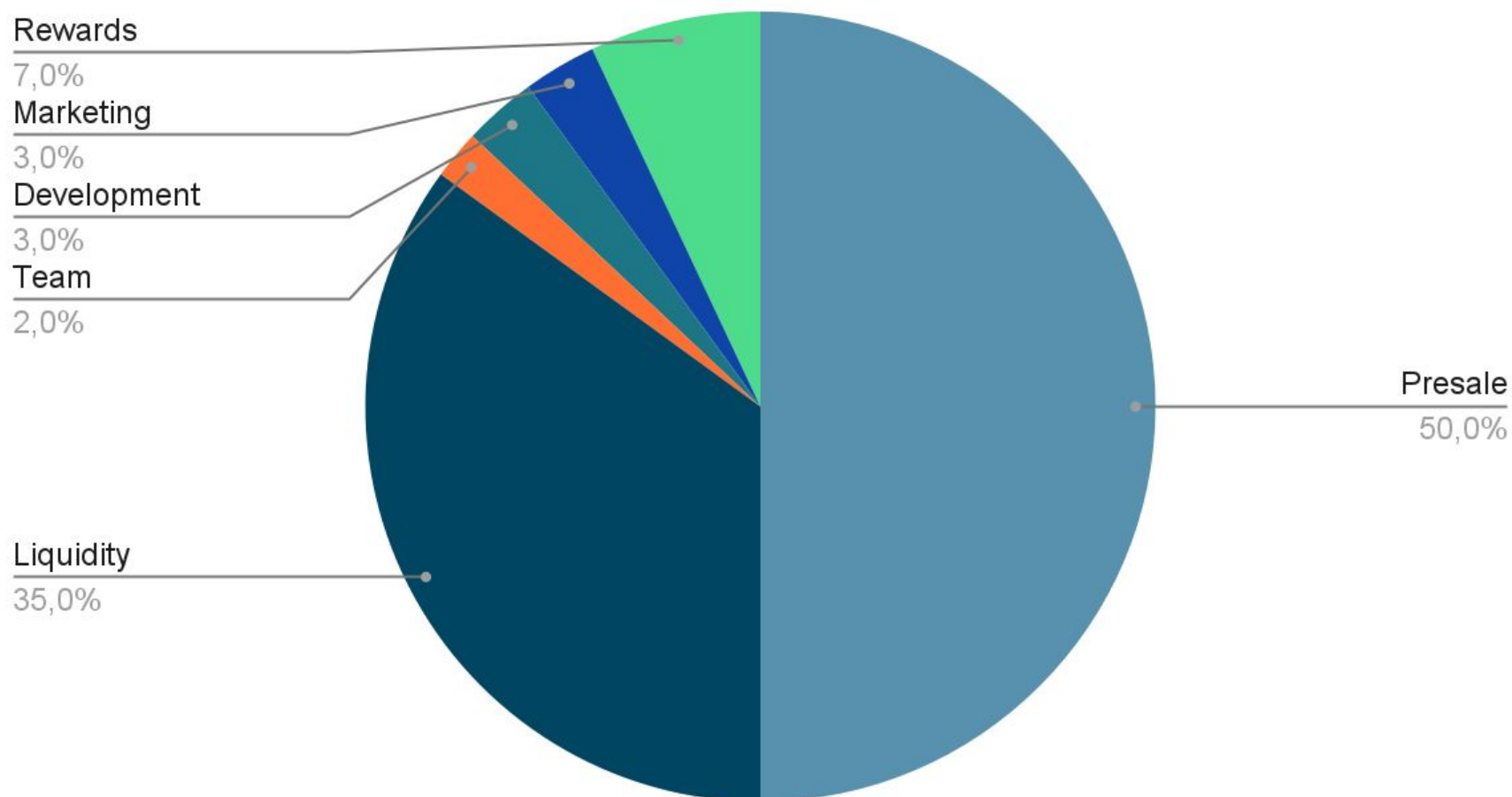
# L2E
# Project & Team Review

According to their whitepaper:

Label to earn (L2E) is project which will produce accurate and large datasets for artificial intelligence (AI) based systems.

L2E project will provide its users the opportunity to earn $L2E tokens while they draw lines on images.

That way the system will convert the drawed lines around images to labels.

The aim of this task is to improve datasets accuaracy.

L2E project will generate datasets with international data quality standards for AI, machine learning and deep learning systems.

Future development for the project:

- Creating API web services
- Datasets marketplace

**Team:**

# L2E
# Project & Team Review

**Team:**

# Website Analysis

URL: https://label2earn.com/

- **Design:** Simple single page design, appropriate color scheme.

- **Content:** Informative, no grammar mistakes.

- **Whitepaper:** Well written, explanatory.

- **Roadmap:** Goals set at 4 phases with time frames.

- **Mobile-friendly?** Yes

- **Technical:** SSL certificate present. General SEO check passed.
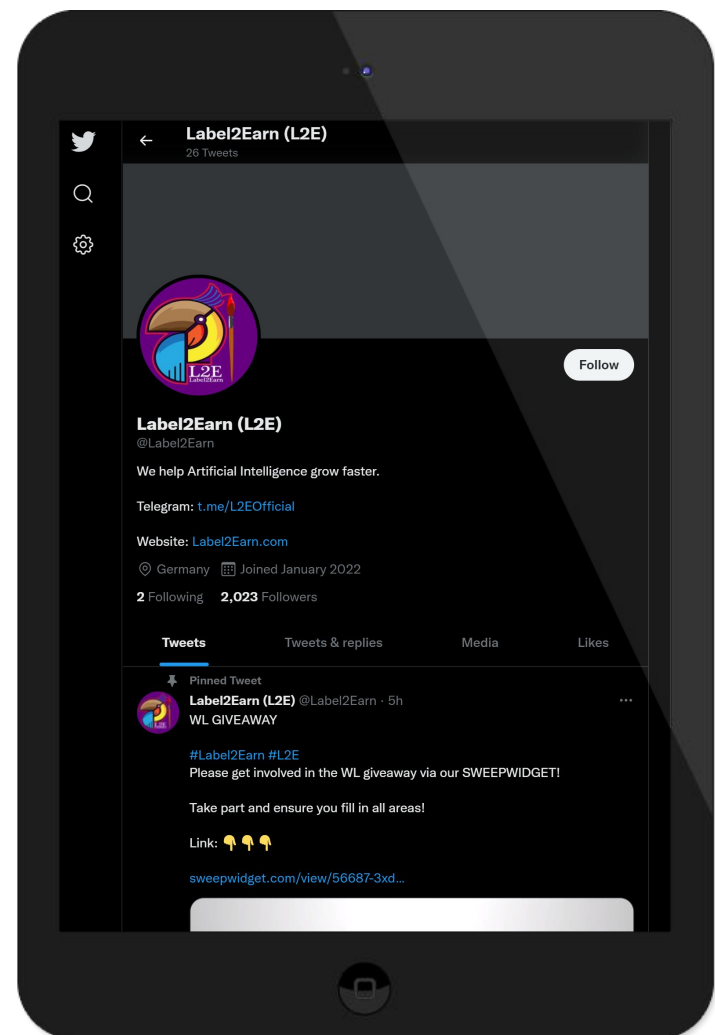


label2earn.com

# Social Media & Online Presence

## Telegram

https://t.me/L2EOfficial

- 121 members
- Active members
- Active mods



## Twitter

https://twitter.com/Label2Earn

- 2 014 Followers
- Active

# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, $SPY.

▶ Website: SpyWolf.co

▶ Portal: SpyWolf.network

▶ Telegram: @SpyWolfNework

▶ Twitter: Twitter.com/SpyWolfNetwork
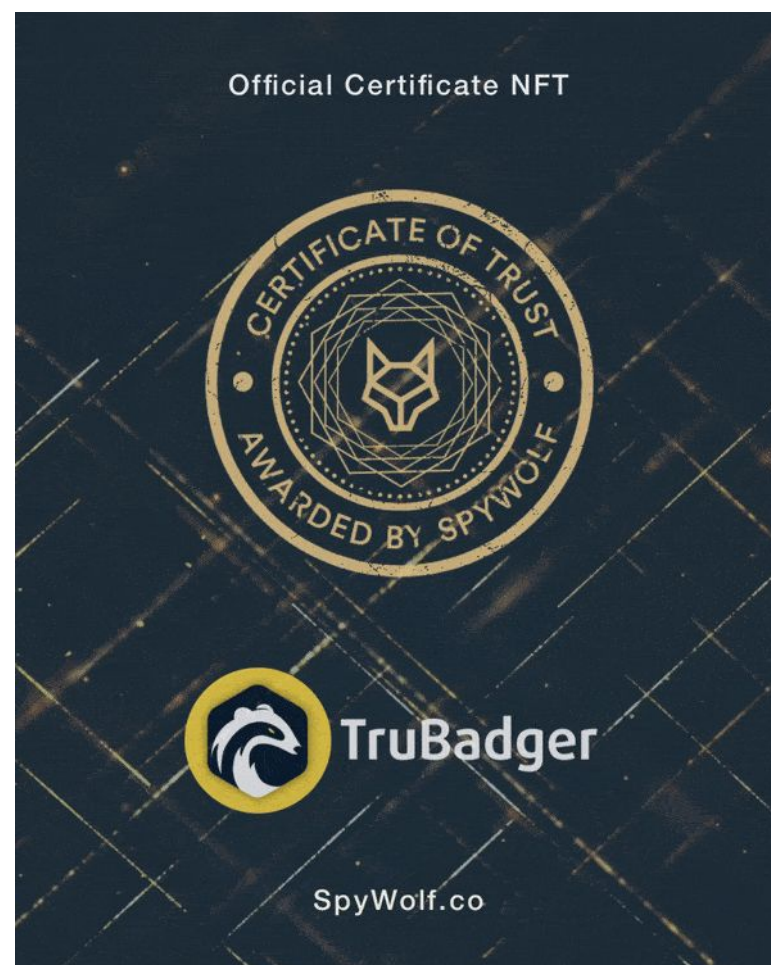


(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.